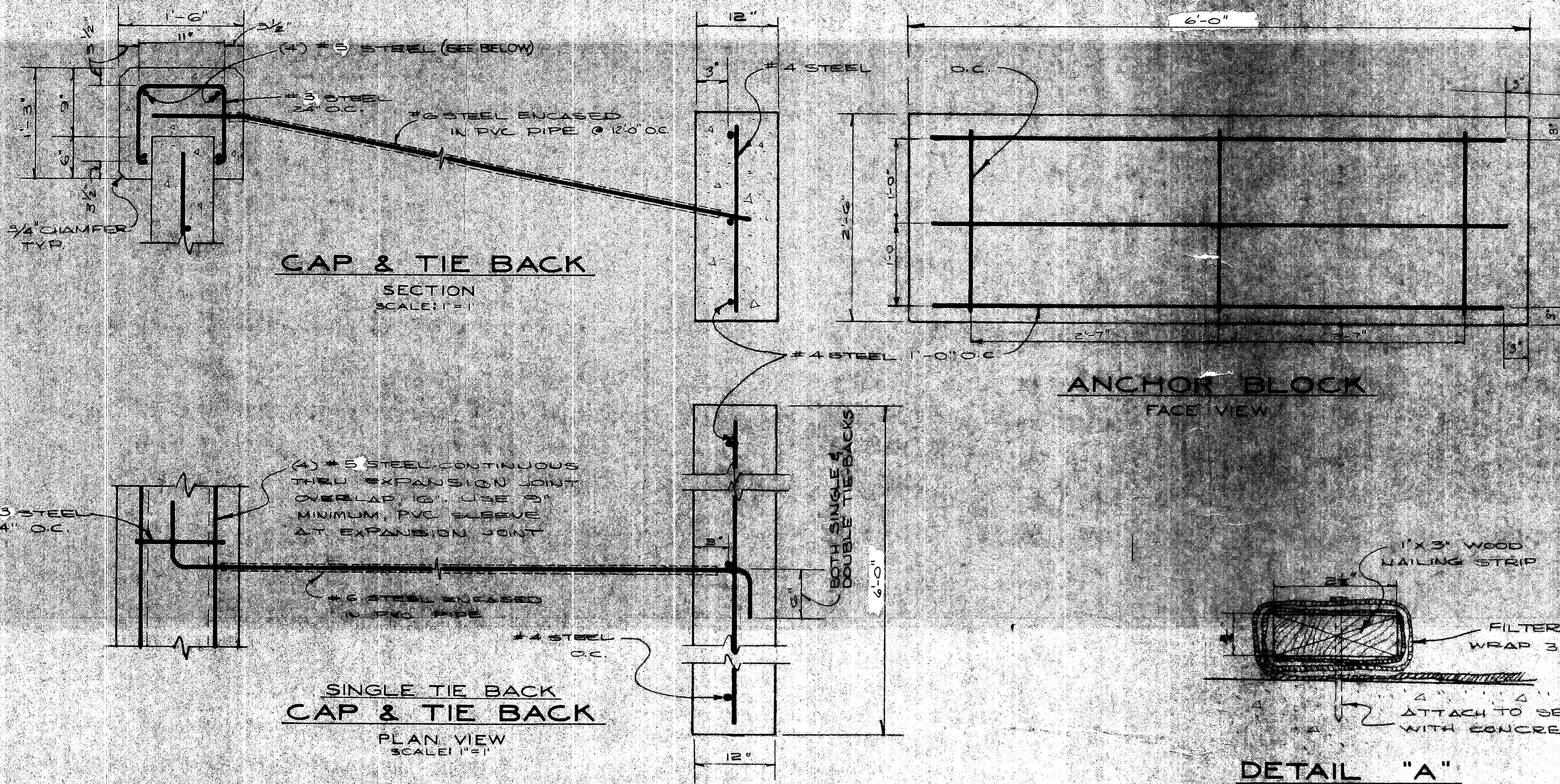


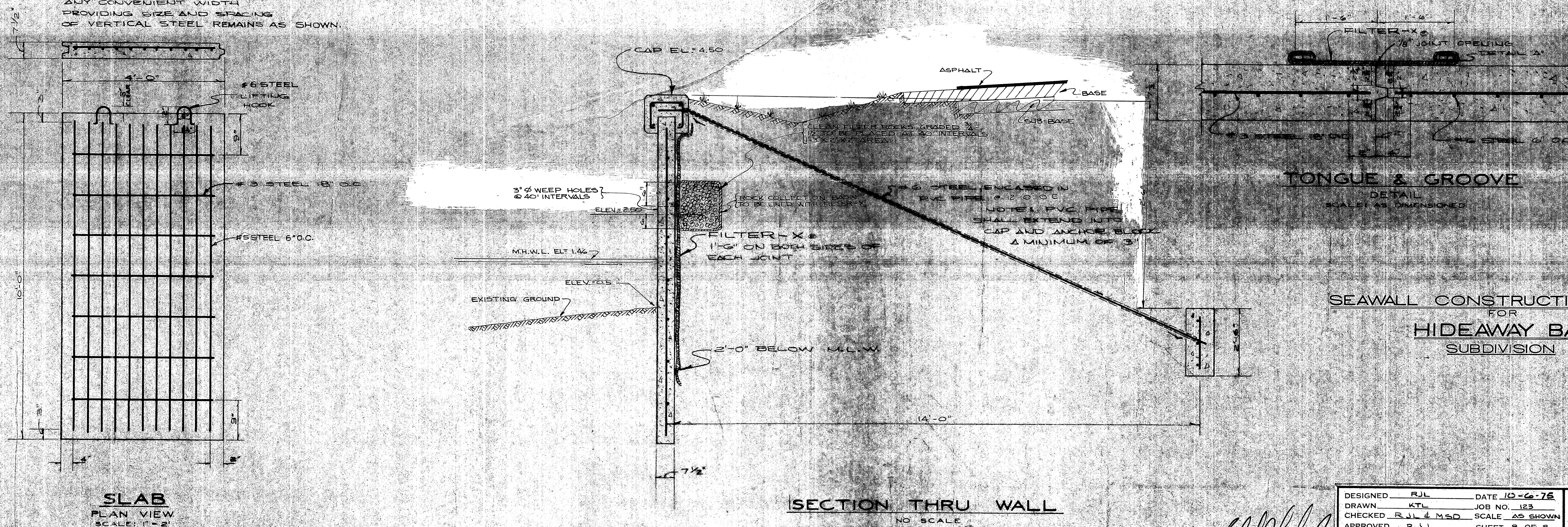
SPECIFICATIONS

1. ALL CONCRETE SHALL DEVELOP A COMPRESSIVE STRENGTH OF 4000 P.S.I. IN 28 DAYS. IF REQUIRED BY ENGINEER, MATERIALS TEST RESULTS SHALL BE FURNISHED, AT NO COST TO THE OWNER.
2. ALL SLABS SHALL BE CURED IN ACCORDANCE WITH APPROVED PRACTICE. AFTER BEING POURED, SLABS WILL NOT BE MOVED FOR AT LEAST 28 DAYS.
3. TOP OF SEAWALL CAP WILL BE ELEVATION 4.50 (BASED ON U.S.C. & G.S. 1929 DATUM).
4. ALL TIE BACK RODS SHALL BE PERFECTLY STRAIGHT BETWEEN CAP AND ANCHOR BLOCK AND ENCASED IN PVC PIPE. THE PVC PIPE SHALL EXTEND AT LEAST 3" INTO CAP AND ANCHOR BLOCK. ANCHOR BLOCKS SHALL BE CAST IN PLACE.
5. PREMOLDED EXPANSION JOINT IN SEAWALL CAP TO BE SPACED EVERY 40' USING PREMOLDED FILLER.
6. THE LANDWARD SIDE OF THE SEAWALL SHALL BE LINED WITH FILTER-X® OR AN APPROVED EQUAL AT LEAST 1'-6" ON BOTH SIDES OF TONGUE & GROOVE JOINT, AND EXTENDING TO AT LEAST 2'-0" BELOW M.L.W.L.
7. REINFORCEMENT STEEL SHALL HAVE A MINIMUM TENSILE STRENGTH OF 60,000 P.S.I.
8. CONTRACTION JOINTS ARE TO BE GROOVED EVERY 40'. WHERE NECESSARY.
9. WHERE EXPANSION JOINTS ARE LOCATED THERE SHALL BE TIE-BACKS LOCATED ON EACH SIDE.
10. ALL TIEBACKS SHALL BE KEPT SUFFICIENTLY CLEAR OF PROPOSED SANITARY SEWER MANHOLES AND WATER LINES.



NOTE:
DOUBLE TIE-BACKS SHALL BE 40' O.C. WITH #6 STEEL ENCASED IN PVC PIPE BETWEEN CAP & TIE-BACK WITH 8" SPACING EACH SIDE OF PREMOLDED EXPANSION JOINT.

NOTE: SLAB MAY HAVE ANY CONVENIENT WIDTH PROVIDING SIZE AND SPACING OF VERTICAL STEEL REMAINS AS SHOWN.



SEAWALL CONSTRUCTION DETAILS FOR HIDEAWAY BAY SUBDIVISION

DESIGNED R.J.L. DATE 10-6-76
 DRAWN K.T.L. JOB NO. 123
 CHECKED R.J.L. & M.S.D. SCALE AS SHOWN
 APPROVED R.J.L. SHEET 8 OF 8

REVISED
 1. _____ 3. _____
 2. _____ 4. _____

Robert Zoller

ROBERTS & ZOLLER, INC.
 CONSULTING ENGINEERS
 ENGINEERING, SURVEYING, PLANNING
 P.O. BOX 12
 BRADENTON, FLORIDA 33506